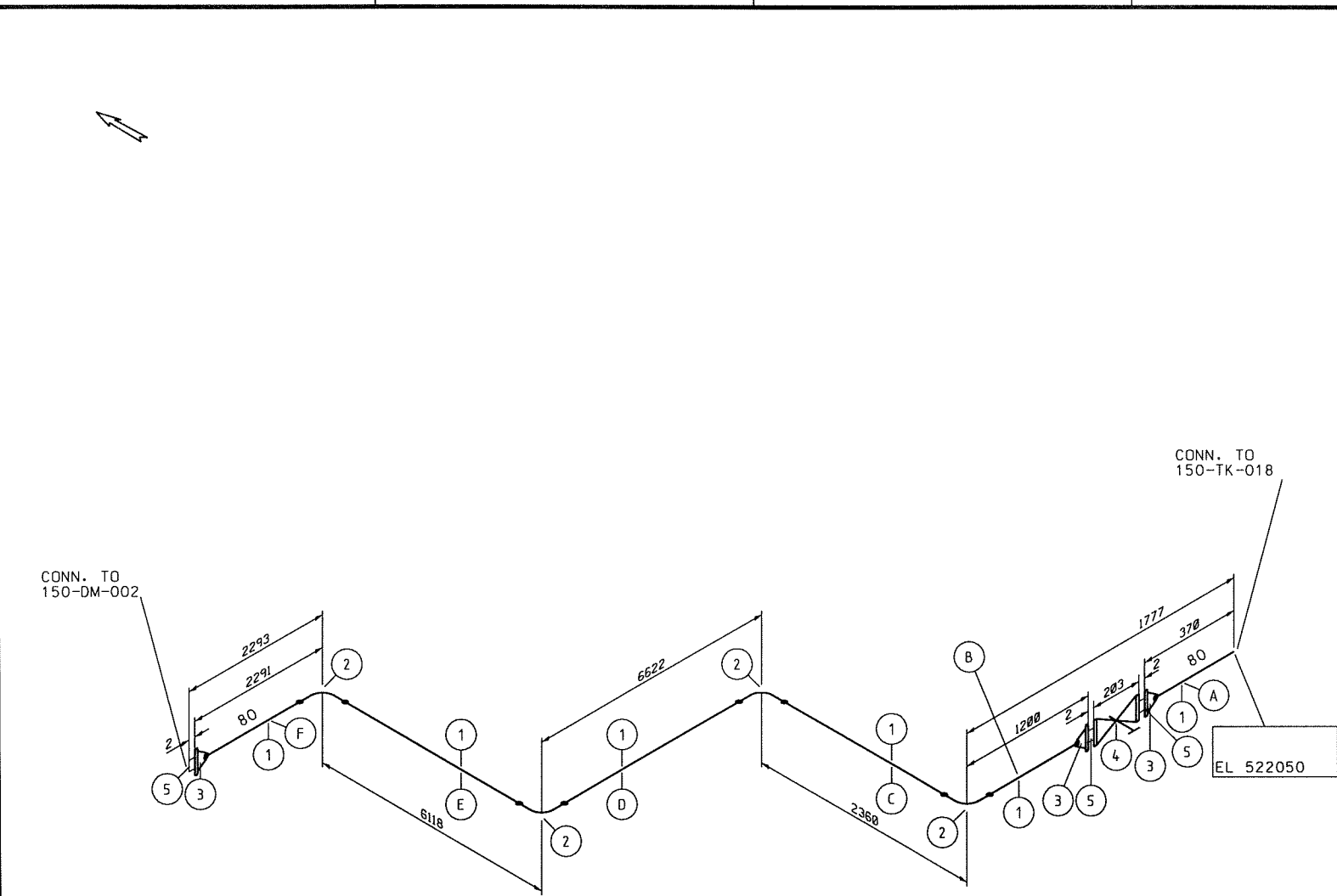




PERMIT TO PRACTICE
HATCH LTD.
Signature B. Bruman
Date January 31, 2005
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of the NWT / NU

					MATERIAL TYPE		NOM OP TEMP		P&ID NO.	150-06-0101
					P.W.H.T.		NOM OP PRESSURE		LDT REF	
					NDT		INSULATION		PIPE SPEC	
					TEST MEDIA		PAINT SPEC		FAB SPEC	
					TEST PRESSURE		COLOUR CODE		DESIGN CODE	
0	FABRICATION CG-501									
REV.	ISSUE FOR	AUTH. BY	STRESS	DATE						

Shop Materials					BILL OF MATERIALS	
Item	Qty	Spec	Size	Size2	Description	
1	17836	C101	80		Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10	
2	4	C101	80		ELBOW 90 Degrees, ANSI B16.9, CS, BE, STD wt., ASTM A350 LF-2, ANSI B16.9	
3	3	C101	80		FLANGE, WELDING NECK 150 lb R.F., ASTM A350 LF-2, ANSI B16.5	
4	1	C101	80		VALVE, CL150 RF, OS&Y, ASTM A351 LCC Body, HALF-STELLITE TRIM, Crane Fig. 47LUF	
5	3	C101	80		GASKET, CL150, 2MM thk., Ring type, GARLOCK FLEXSEAL RW1, ASME B16.20	

Item	Size	Pipe Cut-Lengths	Description
A	80	300	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
B	80	1016	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
C	80	2131	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
D	80	6393	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
E	80	5889	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10
F	80	2107	Pipe CS, SMLS, BE, STD, ASTM-A333/A GR. 6, ANSI B36.10

System	Line no	Spool	Spec	Diameter	2ND diam
LDO	207		C101	80	

DESIGNED BY B. Bruman DATE 31/01/05
CHECKED BY [Signature] DATE 21/1/2005
PROJ. DES. COORD. [Signature] DATE 31/01/05
PROJ. MGR. [Signature] DATE 2005/01/31

PROJECT NUMBER
316996

JERICHO DIAMOND PROJECT

AREA **150** LINE NUMBER **150-LDO-207-80-C101**

DRG. NO. **150-04-207-C101-1** SHEET **1 OF 1** REV. **0**